

Application No.: 09/846,896

Docket No.: 2006579-0127

REMARKS

Claims 1-48 were presented for examination. The Examiner maintained the rejection of claims 1-48 under 35 U.S.C. §103(a) as unpatentable over Burd et al. (United States Patent No. 6,792,607, hereafter "Burd"), in view of Marcos et al. (United States Patent No. 6,429,880, hereafter "Marcos"), and further in view of Turner et al. (United States Patent Publication No. U.S. 2001/0018648, hereafter "Turner"). The Examiner objected to claims 2, 12-16, 20-21, 25, 35-39, and 43-44 as dependent upon a rejected base claim, but indicated that these claims would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims 1 and 24 have been amended. No claims have been added. No new matter has been added. Claims 1 and 24 are independent.

Applicants submit herewith a third supplemental information disclosure statement.

Rejection of Claims Under 35 U.S.C. §103(a)

Claims 1, 6-11, 17-18, 22-24, 29-34, 40-41, and 45-48 were rejected as obvious over Burd in view of Marcos. Claims 3-5, 19, 26-28, and 42 were rejected as unpatentable over Burd in view of Marcos in view of Turner. To establish a prima facie case of obviousness, the prior art reference (or references when combined) must teach or suggest each and every claim limitation.

Argument

Independent claims 1 and 24, as amended, recite the step of detecting a change in a state of a property mapped to one of said plurality of concatenated identifiers defining the property path, the change made on one of a local machine and a remote machine (emphasis added).

Burd discusses the use of server-side control objects in postback event handling and postback data handling. A server-side control object in Burd reactively responds to changes or requests of the user interface elements on the client (Burd, col. 15, lines 1-6), but does not proactively detect changes to the data on the server or notify the user interface element of such a change on the client. Burd states that server-side control objects determine whether information in an HTTP request indicate a data change and if so, the server-side control object acts on that

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change, for example by updating a database or executing code. *See* Burd, col. 15, lines 1-17. Data binding operations (step 512 in FIG. 5 of Burd) synchronize data between a control object and a data source to which the control object is bound responsive to receiving an HTTP request from a client for processing (step 502 in FIG. 5 of Burd), and not responsive to an element detecting a change on the server. Burd focuses on client-based requests in a system where changes are only made responsive to the client requests and does not teach or suggest monitoring an executing application for changes to a property of a component in the application on a server. There is no motivation to modify such a system to detect and communicate server-based changes resulting from an executing server application in a system where a client is never unaware of changes being made on a server because changes only occur upon a request for a change by a client.

Marcos fails to cure the deficiencies of Burd because Marcos does not teach or suggest detecting a change in a state of a property mapped to one of said plurality of concatenated identifiers defining the property path, the change made on one of a local machine and a remote machine. Marcos provides a system for generating a mapping between a variable or method declared in a component's script and an attribute of a dynamic definitional element of the component. (See Marcos, col. 10, lines 21-24). In the claimed invention, an association is made, not between a variable declared in an HTML script and an element in the HTML script, but between an element in a user interface and a property of an instance of an object within an application – the association maps a path from the user interface element directly to the application. Furthermore, the independent claims as amended include the additional step of detecting a change to a property mapped to a user interface element. The purpose of Marcos is to provide a user interface and Marcos does not discuss actions or changes which occur after the generation of a user interface when the interface is in use. There is no motivation to modify Marcos to enable detection of changes that are generated on one of a local machine and a remote machine since Marcos focuses only on providing a user interface and not on activities occurring during use of the interface. Therefore, Marcos fails to teach or suggest all the claim limitations.

Additionally, Turner fails to teach or suggest detecting a change in a state of a property mapped to one of said plurality of concatenated identifiers defining the property path, the change made on one of a local machine and a remote machine. Turner provides a design tool and a

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design engine for automatic generation and management of object-based computer system applications. *See* Turner, 2, at paragraph 0034. Turner focuses on assembling objects and components to create object-based computer system applications and on providing an application infrastructure for managing interactions of component objects in created applications. *See* Turner, 3, at paragraph 0035. Turner fails to teach or suggest detecting a change in a state of a property in an executing application because Turner does not address execution of an application on a remote machine or communication between an executing application and a user interface on a local machine.

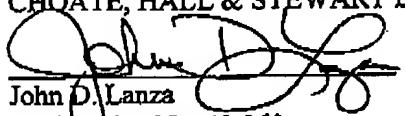
Therefore, Burd, Marcos, and Turner fail to teach or suggest detecting a change in a state of a property mapped to one of said plurality of concatenated identifiers defining the property path, the change made on one of a local machine and a remote machine. Accordingly, Applicants submit that neither Burd nor Marcos, alone or in combination, teach or suggest all limitations of independent claims 1 and 24, or of the dependent claims. Applicants respectfully request that the Examiner reconsider and withdraw the rejection of claims 1, 6-11, 17-18, 22-24, 29-34, 40-41, and 45-48.

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CONCLUSION

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to pass this application to issue.

Respectfully submitted,
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